Year level: 4

**Maths, Mental Maths:** Times tables, Area = L x W, Perimeter = length + width times 2, 1cm = 10mm, 1000g = 1kg, 1L = 1000ml, 1000kg = 1 tonne, 1m = 100cm, 60 sec = 1 min, 60 mins = 1 hr, 24 hrs = 1 day, 7 days = 1 week, 52 weeks = 1 year, 12 months = 1 year, 365 days = 1 year, 10 years = 1 decade, 100 years = 1 century, 1000 years = millennium, 14 days = fortnight, need to know the days of the week and the months of the year, 24 hr digital clock time and analogue time, polygon, prism, pyramid, names and properties of all 2D and 3D shapes (regular and irregular shapes), properties of different triangles, parallelogram, 90 degrees = right angles, 180 degrees = straight angle, 0-90 degrees = acute angle, greater than 90 and less than 180 is obtuse angle, reflex angle = between 180 and 360 degrees, face, edge, vertex, apex of 3D shapes, know what perpendicular and parallel lines, fractions equivalent chart, what is a fraction, what is a mixed number, what is an improper fraction, multiplication = product, times, groups of, sets, multiples, factors. Division = quotient, divisor, dividend, groups of, times into, sets of, division is repeated subtraction. Addition = plus, add, altogether, sum, increase. Subtraction = take away, minus, difference, reduce, prime and composite numbers.

**English, Grammar, Spelling, Comprehension, Writing:**

Grammar: need to know definition of; nouns (all), verbs (all), adjectives, adverbs, pronouns, antonyms, synonyms, past, present and future tenses, homophones, comparatives and superlatives, phrases and clauses, root words, prefixes and suffixes, infinitives, plurals,

Writing: need to the definition of writing genres (narrative, exposition, report, persuasive, recall, journal entry, letter,) what is a paragraph, hamburger structure for persuasive, quotation marks.

Comprehension: need to know the 12 reading strategies linked to cars and stars (main idea, facts and details, understand sequence, cause and effect, compare and contrast,
making predictions, finding word meaning in context, making inferences, fact and opinion, authors purpose, figurative language, real and make believe.)

Spelling: I before e except after c, Two vowels go walking the first does the talking, Plural rules, adding ing rules, adding ed rules, when to double a letter when adding a suffix.

Geography: States and capitals of Australia, Flags, flora and fauna emblems, landmarks-natural and man-made, Rivers, oceans, mountains, continents of the world, lines of longitude and latitude.

History: Significant historical dates such as ANZAC day, Australia Day, Federation day, WA day, First Fleet, Important historical figures such as James Cook, Ned Kelly, Prime ministers.

Science: specialist teacher

Computing: specialist

Year 3 and 4:
- Recognize the key components of cyber safety, such as: cyber bullying, playing games online, offensive content, viruses, etc.
- Collecting research data and using appropriate digital media to represent the data
- Know the basic operations of Microsoft Word
- Understand and use common keyboard shortcuts (tab key, enter key, CNTRL+V, CNTRL+P, CNTRL+S)
- Follow a sequence of steps to complete an algorithm, e.g- simple game coding.

Music, Performing Arts: NA specialist

Phys Ed: NA specialist, National sports.